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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA  
BULLETIN No. 237  
LARD.

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INLAND REVENUE DEPARTMENT  
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BULLETIN No. 237

LARD

OTTAWA, May 13, 1912.

WM. HIMSWORTH, Esq.,  
Ass't Deputy Minister, Inland Revenue Dept.,  
Ottawa.

SIR,—I beg to report upon 268 samples purchased as lard during the months of October and November of last year. These samples have been examined as regards their genuineness from the point of view of their conformity to the requirements of an Order-in-Council in effect from November 22, 1910, which defines lard as follows:—

1. Lard is the rendered fresh fat from hogs in good health at the time of slaughter, is clean, free from rancidity, and contains, necessarily incorporated in the process of rendering, not more than one (1) per cent, of substances other than fatty acids and fat.

2. Leaf lard is lard rendered at moderately high temperatures from the internal fat of the abdomen of the hog, excluding that adherent to the intestines, and has an iodine number not greater than sixty-five (65) and contains not more than one (1) per cent, of substances other than fatty acids and fat.

3. Compound lard; Lard compound, etc., is a mixture of animal and vegetable fats and oils. It must be free from rancidity, be made from sound and pure materials, and contain not more than one (1) per cent of substances other than fatty acids and fat.

The articles herein reported were sold to our inspectors as lard, with one exception, No. 45557, which was labelled as a compound.

It will be noted that allowance of only one per cent of substances other than fatty acids and fat, is common to all the grades of lard defined. Three samples of this collection contain an excess of water; but the amount is in two instances, so slightly beyond legal limits that it must be regarded as accidental. The cases in question are:—

|                                      |        |
|--------------------------------------|--------|
| No. 37312—Ingersoll Packing Co. .... | Water. |
| " 47376— " " .....                   | 2·09   |
| " 48472—P. Burns Co. ....            | 1·17   |
|                                      | 1·14   |

Two samples sold as lard, contain cotton seed oil, and should have been sold as compound. These are No. 1389 and No. 38242.

All other samples, 262 in number, conform to the requirements of legal lard, and must be regarded as genuine.

It will be observed that many samples judged as genuine, give a distinct reaction with the Halphen test for cotton seed oil. I am convinced that the indications of this test considered by themselves, are not sufficiently positive to furnish a basis for pronouncing cotton seed oil present, with intent. Hogs which have been fed with cotton seed meal may yield a fat which gives the red coloration with Halphen's re-agent. Unless the absorption of iodine confirm the Halphen test, I do not regard the presence of cotton seed oil as established.

The last report upon lard was published as Bulletin 193, in December, 1909. On the whole, this article appears to be of good quality; and the occasional sale of a compound lard for the genuine is to be regarded rather as an act of carelessness on the part of the retail dealer, than as intentional on the part of the manufacturer. Our inspection shows that manufacturers of compound lard are careful to state correctly the nature of the article on the container.

I beg to recommend the publication of this report as Bulletin No. 237.

I have the honour to be, sir,

Your obedient servant,

A. MCGILL,  
*Chief Analyst.*

## BULLETIN No. 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of Manufacturer or Furnisher as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|---|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.   | Furnisher. |

## DISTRICT OF NOVA SCOTIA—

|        |           |       |                                      |        |    |                                       |  |
|--------|-----------|-------|--------------------------------------|--------|----|---------------------------------------|--|
| 1911.  |           |       |                                      |        |    |                                       |  |
| Nov. 8 | Lard..... | 46741 | R. B. Adams & Co.,<br>Halifax, N.S.  | 1 lb.  | 17 | Swift Co., Chicago...                 | Davis & Fraser, Halifax, N.S.              |
| " 8    | " .....   | 46742 | P. T. Shea, Halifax,<br>N.S.         | 1 " .. | 20 | J. Morrell, Ottumwa,<br>U.S.          | Mfr .....                                  |
| " 8    | " .....   | 46743 | G. Hirshfield, Halifax,<br>N.S.      | 1 " .. | 14 | Vendor .....                          | .....                                      |
| " 8    | " .....   | 46744 | Thos. Spry, Halifax,<br>N.S.         | 1 " .. | 17 | " .....                               | .....                                      |
| " 9    | " .....   | 46745 | J. A. Leaman & Co.,<br>Halifax, N.S. | 1 " .. | 18 | Vendors .....                         | .....                                      |
| " 9    | " .....   | 46746 | A. L. Doyle & Co.,<br>Halifax, N.S.  | 1 " .. | 17 | " .....                               | .....                                      |
| " 9    | " .....   | 46747 | T. J. Brown, Halifax,<br>N.S.        | 1 " .. | 18 | Swift Co., Chicago...                 | Wentzells Ltd.,<br>Halifax, N.S.           |
| " 9    | " .....   | 46748 | W. C. DeFay, Halifax,<br>N.S.        | 1 " .. | 18 | Wm. Davies, Co.,<br>Toronto.          | Davis & Fraser, Halifax, N.S.              |
| " 9    | " .....   | 46749 | F. S. Short, Halifax,<br>N.S.        | 1 " .. | 18 | F. W. Fearman, Hamilton.              | Mfr .....                                  |
| " 10   | " .....   | 46750 | Hv. Cook, Halifax,<br>N.S.           | 1 " .. | 15 | Vendor .....                          | .....                                      |
| " 10   | " .....   | 46751 | J. H. Emmett, Halifax,<br>N.S.       | 1 " .. | 15 | " .....                               | .....                                      |
| " 10   | " .....   | 46752 | J. G. Mitchell, Halifax,<br>N.S.     | 1 " .. | 17 | " .....                               | .....                                      |
| " 10   | " .....   | 46753 | J. A. Bremner, Halifax,<br>N.S.      | 1 " .. | 18 | Wm. Davies, Co.,<br>Toronto, Ont.     | R. B. Caldwell,<br>agent, Halifax,<br>N.S. |
| " 13   | " .....   | 46754 | Davis & Fraser, Halifax,<br>N.S.     | 1 " .. | 14 | Vendors .....                         | .....                                      |
| " 14   | " .....   | 46755 | O. Lyons, Kentville,<br>N.S.         | 1 " .. | 18 | F. W. Fearman, Co.,<br>Hamilton, Ont. | Mfrs.....                                  |
| " 15   | " .....   | 46756 | S. L. Cross, Kentville,<br>N.S.      | 1 " .. | 18 | Park Blackwell, Toronto, Ont.         | " .....                                    |
| " 16   | " .....   | 46757 | Dixon Ltd., Halifax,<br>N.S.         | 1 " .. | 17 | Wm. Davies, Co.,<br>Toronto, Ont.     | R. B. Caldwell,<br>agent, Halifax,<br>N.S. |
| " 16   | " .....   | 46758 | Shore & Campbell,<br>Halifax, N.S.   | 1 " .. | 18 | Unknown.....                          | J. Crowe, Ltd.,<br>Halifax, N.S.           |
| " 17   | " .....   | 46759 | S. Thomson, Dartmouth,<br>N.S.       | 1 " .. | 16 | F. W. Fearman, Toronto.               | Mfrs.....                                  |
| " 17   | " .....   | 46760 | Forsyth, Jr., Dartmouth,<br>N.S.     | 1 " .. | 18 | " .....                               | " .....                                    |

## DISTRICT OF PRINCE EDWARD ISLAND—

|         |           |       |   |        |    |                                       |       |
|---------|-----------|-------|---|--------|----|---------------------------------------|-------|
| Oct. 16 | Lard..... | 46106 | John McKenna, Charlottetown, P.E.I.         | 1 lb.  | 18 | Morris & Co., Chicago.                | ..... |
| " 16    | " .....   | 46107 | R. F. Maddigan & Co., Charlottetown, P.E.I. | 1 " .. | 18 | Davis & Fraser, Charlottetown, P.E.I. | ..... |
| " 17    | " .....   | 46108 | S. Sanderson & Co., Charlottetown, P.E.I.   | 1 " .. | 16 | Lange, Montreal.....                  | ..... |
| " 18    | " .....   | 46109 | Stewart & Son, Charlottetown, P.E.I.        | 1 " .. | 16 | Morris & Co., Chicago.                | ..... |
| " 21    | " .....   | 46110 | James Kennedy, Kensington, P.E.I.           | 1 " .. | 17 | Vendor .....                          | ..... |

## LARD.

| Inspector's Report. (Is not an expression of opinion.) | RESULT OF ANALYSIS. |                        |                                |                   | No. of Sample. | Remarks and Opinion of the Chief Analyst. |
|--|---------------------|------------------------|--------------------------------|-------------------|----------------|---|
|  | Water.              | Iodine Number (Hanus). | Butyro Refractometer at 40° C. | Rapchen Reaction. |                |   |

R. J. WAUGH, INSPECTOR.

|                              | p.c. |       |      |              |       |          |
|------------------------------|------|-------|------|--------------|-------|----------|
| 'Silver Leaf' Brand.....     | 0.04 | 67.96 | 51.1 | None         | 46741 | Genuine. |
| .....                        | 0.02 | 66.39 | 50.0 | Faint Pink.. | 46742 | "        |
| .....                        | 0.03 | 55.39 | 50.2 | "            | 46743 | "        |
| Leaf Lard.....               | 0.03 | 55.37 | 49.6 | None         | 46744 | "        |
| "                            | 0.10 | 52.68 | 49.5 | "            | 46745 | "        |
| .....                        | 0.04 | 60.76 | 50.3 | Faint Pink.. | 46746 | "        |
| 'Silver Leaf' Brand.....     | 0.03 | 66.58 | 51.1 | "            | 46747 | "        |
| Leaf Lard.....               | 0.04 | 62.02 | 50.4 | "            | 46748 | "        |
| 'Star' Brand.....            | 0.02 | 63.00 | 50.7 | None         | 46749 | "        |
| .....                        | 0.03 | 56.27 | 49.5 | "            | 46750 | "        |
| .....                        | 0.04 | 55.68 | 49.8 | "            | 46751 | "        |
| Sold as pure.....            | 0.05 | 60.03 | 50.0 | "            | 46752 | "        |
| .....                        | 0.05 | 59.39 | 50.1 | Faint Pink.. | 46753 | "        |
| Labelled pure leaf Lard..... | 0.03 | 54.21 | 50.0 | None         | 46754 | "        |
| .....                        | 0.09 | 55.11 | 51.3 | Faint Pink.. | 46755 | "        |
| .....                        | 0.05 | 56.36 | 51.4 | "            | 46756 | "        |
| .....                        | 0.02 | 58.67 | 50.1 | "            | 46757 | "        |
| .....                        | 0.02 | 58.63 | 50.1 | "            | 46758 | "        |
| .....                        | 0.02 | 58.75 | 50.6 | "            | 46759 | "        |
| .....                        | 0.04 | 57.63 | 51.0 | "            | 46760 | "        |

WM. A. WEEKS, INSPECTOR.

|       |      |       |      |              |       |          |
|-------|------|-------|------|--------------|-------|----------|
| ..... | 0.02 | 58.16 | 50.0 | None         | 46106 | Genuine. |
| ..... | 0.02 | 57.36 | 49.5 | "            | 46107 | "        |
| ..... | 0.04 | 60.61 | 50.6 | Light pink.. | 46108 | "        |
| ..... | 0.03 | 59.83 | 50.0 | None         | 46109 | "        |
| ..... | 0.04 | 51.93 | 49.8 | "            | 46110 | "        |

## BULLETIN No. 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of Manufacturer or Furnisher as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|---|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.   | Furnisher. |

## DISTRICT OF PRINCE EDWARD ISLAND—

|         |           |       |   |         |    |   |  |
|---------|-----------|-------|---|---------|----|---|--|
| 1912.   |           |       |   |         |    |   |  |
| Oct. 21 | Lard..... | 46111 | R. T. Holman, Ltd.,<br>Summerside, P.E.I. | 1 lb .. | 15 | Wm. Davis & Son,<br>Toronto.            |  |
| " 21    | " .....   | 46112 | Brace Mackay Co.,<br>Summerside, P.E.I.   | 1 " ..  | 16 | Davies Ltd., Mont-<br>real.             |  |
| " 26    | " .....   | 46113 | D. J. McLean, Mont-<br>ague, P.E.I.       | 1 " ..  | 16 | Jno. Tobin & Co.,<br>Halifax.           |  |
| " 27    | " .....   | 46114 | W. W. Jenkins,<br>Georgetown.             | 1 " ..  | 16 | The Wm. Davies &<br>Co., Ltd., Toronto. |  |
| " 31    | " .....   | 46115 | T. Strickland, Char-<br>lottetown, P.E.I. | 1 " ..  | 18 | Vendor.....                             |  |

## DISTRICT OF NEW BRUNSWICK—

|         |                      |       |  |         |      |  |  |
|---------|----------------------|-------|--|---------|------|--|--|
| Oct. 13 | Lard.....            | 45540 | John Hopkins, St. John<br>N.B.                 | 1 lb .. | 16   | Vendor.....                                |  |
| " 14    | " .....              | 45541 | F. E. Williams Co.,<br>Ltd., St. John, N.B.    | 1 " ..  | 18   | Vendors.....                               |  |
| " 18    | " .....              | 45542 | G. B. Taylor, St. John,<br>N.B.                | 1 " ..  | Nil. | Vendor .....                               |  |
| " 18    | " .....              | 45543 | Slipp & Flewelling,<br>St. John, N.B.          | 1 " ..  | 16   | Vendors.....                               |  |
| " 18    | " .....              | 45544 | Carpenter & Co., St.<br>John, N.B.             | 1 " ..  | 15   | D. B. Martin Ltd.,<br>West Toronto, Ont.   |  |
| " 24    | " .....              | 45545 | D. McDade, St. John,<br>N.B.                   | 1 " ..  | 16   | Vendor.....                                |  |
| " 24    | " .....              | 45546 | 2 Barkers, Ltd., St.<br>John, N.B.             | 1 " ..  | 14   | The Park Blackwell<br>Co., Ltd., Toronto.  |  |
| " 24    | " .....              | 45547 | James Collins, St.<br>John, N.B.               | 1 " ..  | 18   | Gunn's, West Toron-<br>to, Ont.            |  |
| Nov. 3  | " .....              | 45548 | P. F. McKenna, St.<br>Stephen, N.B.            | 1 " ..  | 14   | Swift Co. Ltd., U.S.A.                     |  |
| " 7     | " .....              | 45549 | John McCluskey, Fred-<br>erickton, N.B.        | 1 " ..  | 15   | The Wm. Davies Co.<br>Ltd., Montreal.      |  |
| " 8     | " .....              | 45550 | Imperial Packing Co.,<br>Ltd., Woodstock, N.B. | 1 " ..  | 15   | Vendors .....                              |  |
| " 8     | " .....              | 45551 | W. S. Skillen, Wood-<br>stock, N.B.            | 1 " ..  | 16   | Gunn's, Ltd., Toron-<br>to, Ont.           |  |
| " 9     | " .....              | 45552 | B. Beveridge, Andover,<br>N.B.                 | 1 " ..  | 17   | " .....                                    |  |
| " 10    | " .....              | 45553 | F. D. Sadler, Perth,<br>N.B.                   | 1 " ..  | 17   | Fowler's Can. Co. Ltd.<br>Hamilton, Ont.   |  |
| " 14    | " .....              | 45554 | Sussex Packing Co.,<br>Ltd., Sussex, N.B.      | 1 " ..  | 15   | Vendors .....                              |  |
| " 15    | " .....              | 45555 | D. A. McBeath, Mon-<br>cton, N.B.              | 1 " ..  | 17   | F. W. Fearman Co.,<br>Ltd., Hamilton, Ont. |  |
| " 15    | " .....              | 45556 | Wm. P. White, Mon-<br>cton, N.B.               | 1 " ..  | 15   | Davis & Fraser, Char-<br>lottetown, P.E.I. |  |
| " 16    | Lard Com-<br>pound.. | 45557 | D. & J. Ritchie & Co.,<br>New Castle, N.B.     | 1 " ..  | 15   | The N. K. Fairbank's<br>Co., Montreal.     |  |
| " 17    | Lard.....            | 45558 | A. J. Meahan, Bath-<br>urst, N.B.              | 1 " ..  | 15   | Gunn's Ltd., West<br>Toronto, Ont.         |  |
| " 17    | " .....              | 45559 | W. J. Kent & Co., Ltd.<br>Bathurst, N.B.       | 1 " ..  | 15   | F. W. Fearman Co.,<br>Ltd., Hamilton, Ont. |  |
| " 17    | " .....              | 45580 | Adams Burns Co., Ltd.<br>Bathurst, N.B.        | 1 " ..  | 15   | Laing, P. & P. Co.,<br>Montreal.           |  |



## LARD.

| Inspector's Report. (Is not an expression of opinion.) | RESULTS OF ANALYSIS. |                        |                                |                   | No. of Sample | Remarks and Opinion of the Chief Analyst |
|--|----------------------|------------------------|--------------------------------|-------------------|---------------|--|
|  | Water.               | Iodine number (Hanus). | Butyro Refractometer at 40° C. | Halphen Reaction. |               |  |

WM. A. WEEKS, INSPECTOR—*Concluded.*

|             | p. c. |       |      |      |       |          |
|-------------|-------|-------|------|------|-------|----------|
| .....       | 0.02  | 58.42 | 50.4 | None | 46111 | Genuine. |
| .....       | 0.01  | 61.02 | 50.3 | "    | 46112 | "        |
| Swifts..... | 0.02  | 67.64 | 51.2 | "    | 46113 | "        |
| .....       | 0.02  | 58.42 | 50.2 | "    | 46114 | "        |
| .....       | 0.04  | 52.75 | 49.1 | "    | 46115 | "        |

## J. C. FERGUSON, INSPECTOR.

|                            |      |       |      |              |       |                   |
|----------------------------|------|-------|------|--------------|-------|-------------------|
| .....                      | 0.04 | 56.25 | 49.2 | None.        | 45540 | Genuine.          |
| .....                      | 0.04 | 56.69 | 50.0 | "            | 45541 | "                 |
| .....                      | 0.04 | 58.34 | 49.9 | "            | 45542 | "                 |
| .....                      | 0.06 | 57.28 | 49.8 | "            | 45543 | "                 |
| .....                      | 0.03 | 61.97 | 50.8 | "            | 45544 | "                 |
| .....                      | 0.03 | 50.19 | 49.3 | "            | 45545 | "                 |
| .....                      | 0.09 | 55.83 | 51.7 | "            | 45546 | "                 |
| .....                      | 0.09 | 58.98 | 50.2 | "            | 45547 | "                 |
| "Silver Leaf" Brand, ..... | 0.04 | 66.38 | 51.2 | Pink.....    | 45548 | "                 |
| .....                      | 0.04 | 60.57 | 50.3 | "            | 45549 | "                 |
| .....                      | 0.17 | 54.79 | 49.4 | Light Pink.  | 45550 | "                 |
| .....                      | 0.04 | 57.73 | 50.7 | None.....    | 45551 | "                 |
| .....                      | 0.04 | 60.36 | 50.5 | "            | 45552 | "                 |
| .....                      | 0.04 | 60.48 | 51.0 | "            | 45553 | "                 |
| .....                      | 0.03 | 55.76 | 49.7 | "            | 45554 | "                 |
| "Star" Brand.....          | 0.02 | 61.27 | 50.9 | "            | 45555 | "                 |
| .....                      | 0.02 | 57.55 | 49.9 | "            | 45556 | "                 |
| "Boar's Head" Compound..   | 0.02 | 95.94 | 56.7 | Red.....     | 45557 | Sold as compound. |
| .....                      | 0.03 | 60.73 | 50.3 | Faint Pink.. | 45558 | Genuine.          |
| .....                      | 0.03 | 62.63 | 51.0 | Light Pink.. | 45559 | "                 |
| .....                      | 0.03 | 60.77 | 50.2 | Faint Pink.  | 45580 | "                 |



## BULLETIN No. 237.—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and address of Manufacturer or Furnisher, as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|--|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.  | Furnisher. |

## DISTRICT OF QUEBEC—

|         |           |       |   |       |    |                            |                       |
|---------|-----------|-------|---|-------|----|----------------------------|-----------------------|
| 1911.   |           |       |   |       |    |                            |                       |
| Oct. 12 | Lard..... | 36998 | Cantin & Frère, 271 rue St-Joseph, Quebec.  | 1 lb. | 18 | Blackwell Co., Toronto.    | Unknown.....          |
| " 13    | " .....   | 36999 | G. Gingras, 265 rue du Roi, Quebec.         | 1 "   | 20 | Mathews, Peterboro.        | J. B. Reneaud et Cie. |
| " 16    | " .....   | 37000 | O. Lacroix, 19 rue St-Joseph, Quebec.       | 1 "   | 16 | A. Dombrosky.....          | Manufacturer.....     |
| " 16    | " .....   | 37301 | J. E. Gregoire, 128 rue du Pont, Quebec.    | 1 "   | 15 | G. Mathews Co., Hull.      | Emond and Côté....    |
| " 17    | " .....   | 37302 | W. Cantin, 133 rue du Pont, Quebec.         | 1 "   | 18 | Ingersalt Co., Montreal.   | J. B. Reneaud et Cie. |
| " 19    | " .....   | 37303 | A. Pichette, 176 rue D'Orchester, Quebec.   | 1 "   | 18 | Davis, Toronto.....        | " .....               |
| " 19    | " .....   | 37304 | Louis Jobin, 156 rue D'Orchester, Quebec.   | 1 "   | 20 | Leon Bertrand .....        | Manufacturer.....     |
| " 19    | " .....   | 37305 | J. D. Marier, 136 rue D'Orchester, Quebec.  | 1 "   | 16 | Gunn's Ltd, Toronto.       | W. Carrier et Cie.... |
| " 20    | " .....   | 37306 | W. Pampalon, 120 rue D'Orchester, Quebec.   | 1 "   | 20 | Imperial, Hamilton..       | N. Turcot et Cie....  |
| " 20    | " .....   | 37307 | J. F. Goslin, 50 rue D'Orchester, Quebec.   | 1 "   | 20 | Sylvain & Frère.....       | Manufacturers.....    |
| " 20    | " .....   | 37308 | Mad. T. Savard, 16 rue D'Orchester, Quebec. | 1 "   | 20 | Mathews.....               | J. B. E. Letellier .. |
| " 20    | " .....   | 37309 | Mad. Theodul Dubuc, 135 rue Charest, Que.   | 1 "   | 15 | " .....                    | " .....               |
| " 23    | " .....   | 37310 | A. A. Cantin, 555 rue St. Valier, Quebec.   | 1 "   | 18 | Follor Cannille, Hamilton. | J. B. Reneaud et Cie. |
| " 23    | " .....   | 37311 | J. E. Morand, 406 rue St-Valier, Quebec.    | 1 "   | 20 | " .....                    | " .....               |
| " 23    | " .....   | 37312 | J. E. Emond, Laliberté and St. Helene, Que. | 1 "   | 18 | Ingersall Packing Co.      | Unknown.....          |
| " 23    | " .....   | 37313 | L. Mercier, 118 rue Laliberté, Quebec.      | 1 "   | 18 | Geo. Mathews & Co., Ltd.   | Drouin & Frère.....   |
| " 24    | " .....   | 37314 | Alfred Cloutier, 132 rue Laliberté, Quebec. | 1 "   | 18 | Ingersoll, Ont.....        | J. B. E. Letellier... |
| " 24    | " .....   | 37315 | Ed. Verreault, 204 rue de la Reine, Quebec. | 1 "   | 18 | Fowlers, Hamilton..        | Octave Jacques.....   |
| " 24    | " .....   | 37316 | F. X. Goslin, 115 rue de la Couronne, Que.  | 1 "   | 16 | Mathews, Hull.....         | J. B. E. Letellier... |
| " 24    | " .....   | 37317 | G. H. Turcotte, 92 rue Caron, Quebec.       | 1 "   | 17 | Emond & Côté . . .         | Manufacturers.....    |

## DISTRICT OF ST. HYACINTHE—

|         |           |      |                                 |       |    |  |                           |
|---------|-----------|------|---------------------------------|-------|----|--|---------------------------|
| Oct. 25 | Lard..... | 1370 | A. E. D'Artois & Fils, Farnham. | 1 lb. | 18 | The Harris Abattoirs Co., Ltd., Montreal | .....                     |
| " 25    | " .....   | 1371 | Ed. Bienvenu, Farnham.          | 1 "   | 16 | The Park Blackwell Co., Ltd., Toronto.   | .....                     |
| " 26    | " .....   | 1372 | W. R. Horner, Granby.           | 1 "   | 16 | Gunn's Ltd., West Toronto.               | .....                     |
| " 26    | " .....   | 1373 | W. D. Bradford, Granby.         | 1 "   | 15 | The Laing P. & P. Co. Ltd., Montreal.    | .....                     |
| " 26    | " .....   | 1374 | Allan Taylor & Co., Waterloo.   | 1 "   | 15 | " .....                                  | .....                     |
| " 26    | " .....   | 1375 | Gilmore & Girard, Waterloo.     | 1 "   | 15 | The Park Blackwell Co., Ltd., Toronto.   | .....                     |
| " 26    | " .....   | 1376 | Mde a D'Lebeau, Sutton.         | 1 "   | 15 | .....                                    | Hudon & Orsali, Montreal. |

## TABLE LARD.

| Inspector's Report<br>(Is not an expression<br>of opinion). | RESULTS OF ANALYSIS. |                                   |                                       |                      | No. of Sample. | Remarks and Opinion on<br>the Chief Analyst. |
|---|----------------------|-----------------------------------|---------------------------------------|----------------------|----------------|--|
|   | Water.               | Iodine Num-<br>ber (Hau-<br>nsh). | Butyro re-<br>fractometer<br>at 40°C. | Halphen<br>Reaction. |                |  |

## F. X. W. E. BELAND, INSPECTOR.

|                | p. c.  |       |      |             |       |               |
|----------------|--------|-------|------|-------------|-------|---------------|
| .....          | 0.45   | 55.95 | 50.2 | None.....   | 36998 | Genuine.      |
| .....          | Trace. | 57.54 | 51.5 | Faint Pink. | 36999 | "             |
| .....          | "      | 56.12 | 50.5 | "           | 37000 | "             |
| .....          | None.  | 62.04 | 51.1 | "           | 37301 | "             |
| .....          | 1.08   | 51.40 | 49.8 | None.....   | 37302 | "             |
| .....          | 0.11   | 60.55 | 50.3 | "           | 37303 | "             |
| .....          | Trace. | 62.87 | 51.1 | "           | 37304 | "             |
| .....          | "      | 58.60 | 50.2 | "           | 37305 | "             |
| .....          | "      | 62.39 | 50.8 | "           | 37306 | "             |
| .....          | 0.35   | 59.22 | 50.2 | "           | 37307 | "             |
| Pure Lard..... | Trace. | 63.38 | 51.0 | "           | 37308 | "             |
| "              | "      | 61.97 | 50.4 | Faint Pink. | 37309 | "             |
| .....          | "      | 60.52 | 50.2 | None.....   | 37310 | "             |
| .....          | "      | 63.87 | 50.6 | "           | 37311 | "             |
| .....          | 2.09   | 56.30 | 50.7 | "           | 37312 | Excess water. |
| .....          | Trace. | 60.67 | 50.3 | "           | 37313 | Genuine.....  |
| .....          | "      | 56.91 | 50.8 | "           | 37314 | "             |
| .....          | "      | 59.28 | 50.1 | Light Pink. | 37315 | "             |
| .....          | "      | 60.50 | 50.9 | None.....   | 38316 | "             |
| .....          | "      | 63.02 | 50.8 | "           | 37317 | "             |

## J. C. ROULEAU, INSPECTOR.

|       |      |       |      |              |      |          |
|-------|------|-------|------|--------------|------|----------|
| ..... | 0.02 | 59.32 | 50.0 | Faint Pink.. | 1370 | Genuine. |
| ..... | 0.22 | 58.02 | 51.5 | None.....    | 1371 | "        |
| ..... | 0.02 | 64.46 | 51.0 | Faint Pink.. | 1372 | "        |
| ..... | 0.04 | 61.63 | 50.6 | Pink....     | 1373 | "        |
| ..... | 0.04 | 62.38 | 50.3 | Red.....     | 1374 | "        |
| ..... | 0.03 | 62.00 | 50.4 | None.....    | 1375 | "        |
| ..... | 0.03 | 58.25 | 50.0 | "            | 1376 | "        |

## BULLETIN No 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of Manufacturer or Furnisher as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|---|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.   | Furnisher. |

## DISTRICT OF ST. HYACINTHE—

|       |        |      |                                      |        |    |  |                                 |
|-------|--------|------|--------------------------------------|--------|----|--|---------------------------------|
| 1911. |        |      |                                      |        |    |  |                                 |
| Nov.  | 6 Lard | 1377 | Bray Bros., Sherbrooke.              | 3 lbs. | 55 | The Ingersoll Packing Co., Ltd., Ingersoll, Ont. |                                 |
| "     | 6 "    | 1378 | King's Cash Store, Thetford.         | 1 "    | 13 | Armour's Packing Co., Chicago.                   |                                 |
| "     | 8 "    | 1379 | C. E. Roy, Megantic.                 | 1 "    | 15 | Fowler's Canadian Co., Ltd., Hamilton.           |                                 |
| "     | 9 "    | 1380 | E. A. McKee, Coati-cook.             | 1 "    | 15 | The Laing P. & P. Co. Ltd., Montreal.            |                                 |
| "     | 9 "    | 1381 | Meade Bros. & Co., North Coati-cook. | 1 "    | 14 |  | D. S. Bachand, Coati-cook.      |
| "     | 11 "   | 1382 | F. W. D. Melloon, Rock Island.       | 1 "    | 14 | Armour & Co., Chicago.                           |                                 |
| "     | 11 "   | 1383 | J. A. Surprenant, Rock Island.       | 1 "    | 13 | Vendor.  |                                 |
| "     | 21 "   | 1384 | J. P. Rene, Nicolet.                 | 1 "    | 15 |  | L. Chaput fils & Cie, Montreal. |
| "     | 21 "   | 1385 | A. D. Rene, Nicolet.                 | 1 "    | 14 |  |                                 |
| "     | 22 "   | 1386 | L. H. Paquin & Cie, Sorel.           | 1 "    | 17 | The Whyte Packing Co., Ltd., Stratford.          |                                 |
| "     | 22 "   | 1387 | J. V. Fagnan, Sorel.                 | 1 "    | 15 | The Laing Co., Montreal.                         |                                 |
| "     | 23 "   | 1388 | J. B. St. Pierre, St. Hyacinthe.     | 1 "    | 17 | Davies, Ltd., Montreal.                          |                                 |
| "     | 23 "   | 1389 | Bazinot & Brodeur.                   | 1 "    | 16 | National Packing Provision Co., Quebec.          |                                 |

## DISTRICT OF MONTREAL—

|      |         |       |  |       |    |                                   |                                 |
|------|---------|-------|--|-------|----|-----------------------------------|---------------------------------|
| Oct. | 23 Lard | 40941 | J. E. Belisle, 129 Wellington St., Montreal.   | 1 lb. | 20 |                                   |                                 |
| "    | 23 "    | 40942 | J. Caron, 252 Church St., Verdun, P.Q.         | 1 "   | 14 | D. B. Martin, Toronto.            |                                 |
| "    | 23 "    | 40943 | " " " "  | 1 "   | 15 | Davies Ltd., Montreal.            |                                 |
| "    | 23 "    | 40944 | A. Clarke, 244 Church St., Verdun, P.Q.        | 1 "   | 15 |                                   | Gunn, Langlois & Co., Montreal. |
| "    | 23 "    | 40945 | Louis Leblanc, 1421 Church St., Verdun, P.Q.   | 1 "   | 15 |                                   |                                 |
| "    | 23 "    | 40946 | O. Brunet, 1265 Wellington St., Verdun, P.Q.   | 1 "   | 20 |                                   |                                 |
| "    | 23 "    | 40947 | Robitaille & Gauthier, 2 Craig West, Montreal. | 1 "   | 18 | McDuff Lamb, Montreal.            |                                 |
| "    | 23 "    | 40948 | P. H. Theoret, 21 Vitre St. E., Montreal.      | 1 "   | 20 | Laing P. & P. Co. Ltd., Montreal. |                                 |
| "    | 23 "    | 40949 | R. Bernard, 91 Lagache, Montreal.              | 1 "   | 15 |                                   | Lunham & Graham, Montreal.      |
| "    | 23 "    | 40950 | E. Lionnais, 56 Saint-guinet St., Montreal.    | 1 "   | 17 |                                   |                                 |
| "    | 24 "    | 40951 | Jos. Fournelle, St. Agathe de Monts, P.Q.      | 1 "   | 15 | Davies Ltd., Montreal.            |                                 |

## LARD.

| Inspector's Report<br>(Is not an expression<br>of opinion.) | RESULTS OF ANALYSIS. |                             |                                       |                        |                | Remarks and Opinion of the<br>Chief Analyst. |
|---|----------------------|-----------------------------|---------------------------------------|------------------------|----------------|--|
|   | Water.               | Iodine Num-<br>ber (Hanus.) | Butyro Re-<br>fractometer<br>at 40°C. | Halphen Re-<br>action. | No. of Sample. |  |
| Pure Lard.....  | 0.03                 | 59.31                       | 50.2                                  | Faint Pink..           | 1377           | Genuine                                      |
| .....   | 0.03                 | 66.13                       | 51.0                                  | " ..                   | 1378           | "  |
| Pure Lard.....  | 0.04                 | 64.25                       | 50.7                                  | None.....              | 1379           | "  |
| Extra Pure Lard.....  | 0.07                 | 61.40                       | 50.3                                  | Red.....               | 1380           | "  |
| .....   | 0.04                 | 68.58                       | 51.2                                  | Faint Pink..           | 1381           | "  |
| .....   | 0.03                 | 67.83                       | 51.1                                  | Pink.....              | 1382           | "  |
| .....   | 0.03                 | 59.35                       | 50.1                                  | None.....              | 1383           | "  |
| Extra Pure Lard.....  | 0.03                 | 59.28                       | 50.0                                  | " ..                   | 1384           | "  |
| " ..  | 0.02                 | 59.43                       | 50.0                                  | " ..                   | 1385           | "  |
| .....   | 0.02                 | 56.19                       | 49.8                                  | " ..                   | 1386           | "  |
| .....   | 0.05                 | 60.03                       | 50.0                                  | Red.....               | 1387           | "  |
| .....   | 0.03                 | 63.50                       | 50.3                                  | None.....              | 1388           | "  |
| Pure Lard.....  | 0.04                 | 72.88                       | 52.9                                  | Red.....               | 1389           | Contains cotton seed oil. Adulterated.       |

## J. J. COSTIGAN, INSPECTOR.

|                   |      |       |      |              |       |          |
|-------------------|------|-------|------|--------------|-------|----------|
| Sold as pure..... | 0.03 | 59.50 | 56.2 | Red.....     | 40941 | Genuine. |
| .....             | 0.02 | 61.14 | 50.1 | None.....    | 40942 | "        |
| .....             | 0.03 | 59.57 | 50.0 | " ..         | 40943 | "        |
| .....             | 0.02 | 63.50 | 50.7 | Faint pink.. | 40943 | "        |
| Sold as pure..... | 0.04 | 59.73 | 50.0 | Pink.....    | 40944 | "        |
| " ..              | 0.03 | 59.46 | 50.3 | Faint pink.. | 40945 | "        |
| " ..              | 0.03 | 59.49 | 49.9 | None.....    | 40946 | "        |
| .....             | 0.07 | 60.13 | 50.4 | Pink.....    | 40947 | "        |
| " ..              | 0.04 | 56.41 | 49.8 | None.....    | 40948 | "        |
| " ..              | 0.05 | 64.25 | 50.9 | Light pink.  | 40949 | "        |
| Pure .....        | 0.02 | 62.74 | 50.6 | None...      | 40950 | "        |

## BULLETIN No. 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |       | Name and Address of Manufacturer or Furnisher as given by The Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|-------|---|------------|
|                     |                   |                |                             | Quantity. | Cent. | Manufacturer.   | Furnisher. |

## DISTRICT OF MONTREAL—

|         |           |       |  |       |    |                             |  |
|---------|-----------|-------|--|-------|----|-----------------------------|--|
| 1911.   |           |       |  |       |    |                             |  |
| Oct. 24 | Lard..... | 40952 | E. Masse, St. Agathe de Monts, P.Q.                | 1 lb. | 15 |                             |  |
| " 27    | " .....   | 40953 | E. Dufour, Joliette, P.Q.                          | 1 "   | 15 | Laing P. & P. Co., Ltd.     |  |
| " 27    | " .....   | 40954 | O. Chevalier et fils, Joliette, P.Q.               | 1 "   | 15 | Davies Ltd., Montreal       |  |
| Nov. 3  | " .....   | 40955 | E. W. Farrell, 79 St. Antoine St. West, Montreal.  | 1 "   | 18 | The Geo. Matthews Co., Ltd. |  |
| " 3     | " .....   | 40956 | J. A. Reneaud, 622 St. Antoine St. West, Montreal. | 1 "   | 15 |                             |  |
| " 3     | " .....   | 40957 | Davies Ltd., 1640 B St. James St., Montreal.       | 1 "   | 16 | Vendors                     |  |
| " 3     | " .....   | 40958 | A. Pilon, 1681 Notre Dame West, Montreal.          | 1 "   | 16 |                             |  |
| " 3     | " .....   | 40959 | P. Lebrun, 1682 Notre Dame West, Montreal.         | 1 "   | 18 | Fowler's Canadian Co., Ltd. |  |
| " 3     | " .....   | 40960 | H. Desmarais, 1650 Notre Dame West, Montreal.      | 1 "   | 15 |                             |  |

## DISTRICT OF OTTAWA—

|         |           |       |  |       |    |  |                     |
|---------|-----------|-------|--|-------|----|--|---------------------|
| Oct. 10 | Lard..... | 49011 | Peter Speirs & Co., Carleton Place.                  | 1 lb. | 18 | The Geo. Matthews Co., Ltd., Hull.     |                     |
| " 10    | " .....   | 49012 | Wm. Jenkins, Carleton Place.                         | 1 "   | 16 | The Park-Blackwell Ltd., Toronto.      |                     |
| " 12    | " .....   | 49013 | W. E. Parsons, Arn. prior.                           | 1 "   | 15 | The Geo. Matthews Co., Ltd., Hull.     |                     |
| " 12    | " .....   | 49014 | T. McCormick, Arn. prior.                            | 1 "   | 15 | Fowler's Canadian Co., Hamilton.       |                     |
| " 13    | " .....   | 49015 | L. M. Davison, Kemptville.                           | 1 "   | 18 | Gilmour & Co., Brockville.             |                     |
| " 16    | " .....   | 49016 | D. J. Dick, Almonte.                                 | 1 "   | 15 | The Geo. Matthews Co., Ltd., Hull.     |                     |
| " 16    | " .....   | 49017 | Fred W. Robertson, Almonte.                          | 1 "   | 15 | Fowler's Canadian Co., Ltd., Hamilton. |                     |
| " 20    | " .....   | 49018 | Sanders, Soule & Casselman Co., Ltd., Chesterville.  | 1 "   | 16 | The Geo. Matthews Co., Ltd., Hull.     |                     |
| " 20    | " .....   | 49019 | Chester Casselman, Chesterville.                     | 1 "   | 15 | The Wm. Davies Co., Toronto.           |                     |
| " 25    | " .....   | 49020 | A. Moreland, Bank st., Ottawa.                       | 1 "   | 18 | Gunn's Ltd., Toronto                   | Bate & Co., Ottawa. |
| " 25    | " .....   | 49051 | H. Armsrong, Bank st., Ottawa.                       | 1 "   | 17 | Fowler's Can. Co., Ltd., Hamilton.     |                     |
| " 25    | " .....   | 49052 | A. E. Rea & Co., Ottawa                              | 1 "   | 18 | Gunn's Ltd., West Toronto.             |                     |
| " 25    | " .....   | 49053 | The Geo. Matthews Co., Ltd., By Ward Market, Ottawa. | 1 "   | 15 | Vendors                                |                     |
| " 25    | " .....   | 49054 | " " "  | 1 "   | 17 | "                                      |                     |

## LARD.

| Inspector's Report<br>(Is not an expression<br>of opinion.) | RESULTS OF ANALYSIS. |                             |                                       |                        | No. of Sample. | Remarks and Opinion<br>of the<br>Chief Analyst. |
|---|----------------------|-----------------------------|---------------------------------------|------------------------|----------------|---|
|   | Water.               | Iodine Num-<br>ber (Hanus.) | Butyro Re-<br>fractometer<br>at 40°C. | Halphen Re-<br>action. |                |   |

J. J. COSTIGAN, INSPECTOR—*Concluded*,

|                                | p.c. |       |      |             |       |         |
|--------------------------------|------|-------|------|-------------|-------|---------|
| Sold as pure. ....             | 0.02 | 57.44 | 49.7 | None. ....  | 40952 | Genuine |
| Labelled extra pure lard. .... | 0.06 | 62.12 | 50.8 | Red. ....   | 40953 | "       |
| Labelled pure. ....            | 0.04 | 61.51 | 50.4 | None. ....  | 40954 | "       |
| .....                          | 0.07 | 59.91 | 50.0 | Red. ....   | 40955 | "       |
| .....                          | 0.03 | 58.50 | 50.1 | None. ....  | 40956 | "       |
| .....                          | 0.03 | 60.87 | 50.3 | "           | 40957 | "       |
| .....                          | 0.04 | 60.00 | 50.2 | "           | 40958 | "       |
| .....                          | 0.04 | 60.94 | 50.1 | Light pink. | 40959 | "       |
| .....                          | 0.06 | 59.57 | 50.0 | None. ....  | 40960 | "       |

J. A. RICKEY, INSPECTOR.

|  |      |       |      |             |       |          |
|--|------|-------|------|-------------|-------|----------|
| .....  | 0.04 | 56.63 | 49.9 | None. ....  | 49011 | Genuine. |
| Labelled choice family lard ;<br>pure lard. .... | 0.03 | 53.91 | 50.6 | "           | 49012 | "        |
| Matthews pure lard. ....                         | 0.07 | 63.71 | 50.9 | "           | 49013 | "        |
| Imperial pure lard. ....                         | 0.07 | 60.85 | 50.3 | "           | 49014 | "        |
| Pure lard. ....                                  | 0.07 | 58.61 | 50.1 | "           | 49015 | "        |
| Buttercup Brand. ....                            | 0.07 | 63.22 | 50.5 | "           | 49016 | "        |
| Imperial pure lard. ....                         | 0.05 | 60.18 | 50.8 | "           | 49017 | "        |
| Choice pure lard. ....                           | 0.08 | 60.97 | 51.1 | "           | 49018 | "        |
| .....  | 0.04 | 59.18 | 50.2 | Faint pink. | 49019 | "        |
| .....  | 0.03 | 56.50 | 49.9 | "           | 49020 | "        |
| Pure lard. L. & S. Best. ....                    | 0.03 | 59.13 | 50.0 | None. ....  | 49051 | "        |
| Maple Leaf ; pure lard. ....                     | 0.03 | 58.87 | 50.2 | "           | 49052 | "        |
| Matthews pure lard. ....                         | 0.04 | 58.92 | 50.0 | "           | 49053 | "        |
| Rose Brand. ....                                 | 0.03 | 56.88 | 49.9 | "           | 49054 | "        |

## BULLETIN No. 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of Manufacturer or Furnisher as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|---|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.   | Furnisher. |

| DISTRICT OF OTTAWA— |           |       |  |        |    |                                   |  |
|---------------------|-----------|-------|--|--------|----|-----------------------------------|--|
| 1911.               |           |       |  |        |    |                                   |  |
| Oct. 26             | Lard..... | 49055 | Goodall Bros., Ottawa.                               | 3 lbs. | 50 | D. B. Martin, West Toronto.       |  |
| " 26                | " .....   | 49056 | A. P. Johnson, Ottawa                                | 1 "    | 18 | Jno. Duff & Son, Hamilton.        |  |
| " 26                | " .....   | 49057 | The Geo. Matthews Co., Ltd., Queen st. West, Ottawa. | 1 "    | 15 | Vendors.....                      |  |
| " 26                | " .....   | 49058 | Jos. Martel, Hull, P.Q.                              | 1 "    | 15 | The Geo. Matthews Ltd., Hull.     |  |
| " 26                | " .....   | 49059 | P. H. Charron & Co., Hull, P.Q.                      | 1 "    | 15 | Jos. O'Mara, Palmers ton, Ont.    |  |
| " 27                | " .....   | 49060 | B. Slattery, Ottawa                                  | 1 "    | 18 | D. B. Martin, Ltd., West Toronto. |  |

| DISTRICT OF KINGSTON— |           |       |                            |       |    |                            |                                 |
|-----------------------|-----------|-------|----------------------------|-------|----|----------------------------|---------------------------------|
| Nov. 1                | Lard..... | 48554 | W. E. Hopkinson, Kingston. | 1 lb. | 20 | Anderson Bros., Kingston.  |                                 |
| " 1                   | " .....   | 48555 | Geo. Gibson, Kingston      | 1 "   | 15 | Gunn's Ltd., West Toronto. |                                 |
| " 1                   | " .....   | 48556 | L. W. Murphy, Kingston.    | 1 "   | 15 |                            | J. Y. Parkhill, Kingston.       |
| " 1                   | " .....   | 48557 | J. Cullen, Kingston...     | 1 "   | 16 | Geo. Matthews, Peterboro.  |                                 |
| " 1                   | " .....   | 48558 | C. Saunders, Kingston      | 1 "   | 15 | " "                        |                                 |
| " 1                   | " .....   | 48559 | C. H. Pickering, Kingston. | 1 "   | 15 |                            | Geo. Robertson & Son, Kingston. |
| " 1                   | " .....   | 48560 | Anderson Bros., Kingston.  | 1 "   | 15 | Vendors .....              |                                 |
| " 1                   | " .....   | 48561 | E. S. Suddard, Kingston.   | 1 "   | 15 | Gunn's Ltd., West Toronto. |                                 |
| " 1                   | " .....   | 48562 | D. Couper, Kingston...     | 1 "   | 15 | Geo. Matthews, Peterboro.  |                                 |
| " 1                   | " .....   | 48563 | Kelley Bros., Kingston     | 1 "   | 15 | " "                        |                                 |
| " 2                   | " .....   | 48564 | M. Nolan, Kingston...      | 1 "   | 15 | Freeman, Hamilton...       |                                 |
| " 2                   | " .....   | 48565 | J. Crawford, Kingston.     | 1 "   | 17 | Geo. Matthews, Peterboro.  |                                 |
| " 2                   | " .....   | 48566 | D. B. Gage, Kingston       | 1 "   | 15 | Fowlers, Hamilton...       |                                 |
| " 2                   | " .....   | 48567 | J. Lemmon, Kingston.       | 1 "   | 15 | Geo. Matthews, Peterboro.  |                                 |
| " 2                   | " .....   | 48568 | A. Donaldson, Kingston.    | 1 "   | 15 | A. Maclean, Kingston       |                                 |
| " 2                   | " .....   | 48569 | J. T. Morris, Kingston     | 1 "   | 14 | J. Y. Parkhill, Kingston.  |                                 |
| " 4                   | " .....   | 48570 | G. D. Vallean, Kingston.   | 1 "   | 16 | Gunn's Ltd., West Toronto. |                                 |
| " 4                   | " .....   | 48571 | J. McCulla, Kingston       | 1 "   | 16 | Fowlers, Hamilton...       |                                 |
| " 4                   | " .....   | 48572 | J. R. E. Gage, Kingston.   | 1 "   | 15 | Gunn's Ltd., West Toronto. |                                 |
| " 4                   | " .....   | 48573 | J. Redden, Kingston...     | 1 "   | 15 | Anderson Bros., Kingston.  |                                 |



## LARD.

| Inspector's Report. (Is<br>not an expression<br>of opinion.) | RESULTS OF ANALYSIS. |                             |  |                      | No. of Sample. | Remarks and opinion of the<br>Chief Analyst. |
|--|----------------------|-----------------------------|--|----------------------|----------------|--|
|  | Water.               | Iodine Num-<br>ber (Hanus). | Butyro Re-<br>fractometer<br>at 40° C. | Halphen<br>Reaction. |                |  |
| J. A. RICKEY, INSPECTOR - <i>Concluded</i> ,                 |                      |                             |  |                      |                |  |
|  | p. c.                |                             |  |                      |                |  |
|  | 0 02 20 32           | 50 1                        | None                                   |                      | 49055          | Genuine                                      |
| Horse Shoe Brand   | 0 03 60 75           | 50 8                        | "                                      |                      | 49056          | "  |
| Matthews pure lard   | 0 04 60 18           | 50 2                        | "                                      |                      | 49057          | "  |
| Rose Brand   | 0 04 57 00           | 49 9                        | "                                      |                      | 49058          | "  |
| Pure lard  | 0 09 57 01           | 50 6                        | "                                      |                      | 49059          | "  |
|  | 0 08 59 65           | 50 1                        | "                                      |                      | 49060          | "  |
| JAS. HOGAN, INSPECTOR.                                       |                      |                             |  |                      |                |  |
|  | 0 03 59 07           | 50 0                        | None                                   |                      | 48554          | Genuine.                                     |
|  | 0 03 60 50           | 50 5                        | "                                      |                      | 48555          | "  |
|  | 0 05 59 78           | 50 1                        | "                                      |                      | 48556          | "  |
|  | 0 05 59 50           | 50 5                        | "                                      |                      | 48557          | "  |
|  | 0 04 59 72           | 50 2                        | Pink                                   |                      | 48558          | "  |
|  | 0 04 59 63           | 50 0                        | None                                   |                      | 48559          | "  |
|  | 0 03 59 76           | 50 0                        | "                                      |                      | 48560          | "  |
|  | 0 05 58 61           | 50 0                        | "                                      |                      | 48561          | "  |
|  | 0 05 59 43           | 50 2                        | "                                      |                      | 48562          | "  |
|  | 0 04 59 03           | 50 0                        | "                                      |                      | 48563          | "  |
|  | 0 04 61 23           | 50 5                        | "                                      |                      | 48564          | "  |
|  | 0 03 62 63           | 50 7                        | "                                      |                      | 48565          | "  |
|  | 0 04 55 89           | 49 4                        | Faint Pink                             |                      | 48566          | "  |
|  | 0 03 51 00           | 49 0                        | None                                   |                      | 48567          | "  |
|  | 0 04 60 23           | 50 1                        | "                                      |                      | 48568          | "  |
|  | 0 03 59 15           | 50 3                        | Pink                                   |                      | 48569          | "  |
|  | 0 02 57 63           | 50 0                        | None                                   |                      | 48570          | "  |
|  | 0 03 61 23           | 50 5                        | "                                      |                      | 48571          | "  |
|  | 0 03 61 65           | 50 9                        | Pink                                   |                      | 48572          | "  |
|  | 0 04 58 44           | 50 2                        | None                                   |                      | 48573          | "  |

## BULLETIN No. 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of Manufacturer or Furnisher as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|---|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.   | Furnisher. |

## DISTRICT OF TORONTO—

|         |      |       |  |       |    |   |  |
|---------|------|-------|--|-------|----|---|--|
| 1911.   |      |       |  |       |    |   |  |
| Oct. 24 | Lard | 47360 | C. W. Fox, Owen Sound.                   | 1 lb. | 15 | Gunn's, Ltd, Toronto                            |  |
| " 11    | "    | 47365 | James Blake, 393 Mary St., Hamilton.     | 1 "   | 15 | F. W. Fearman Co., Ltd., Hamilton.              |  |
| " 16    | "    | 47366 | B. Chrysler, Mary St., Hamilton.         | 1 "   | 15 | Fowler's Can. Co., Hamilton.                    |  |
| " 18    | "    | 47367 | A. E. Cronk, Cannon St., Hamilton.       | 1 "   | 14 | Jno. Duff & Son, Hamilton.                      |  |
| " 18    | "    | 47368 | A. T. Prosser, 214 Locke St., Hamilton.  | 1 "   | 15 | Gunn's Ltd., Toronto.                           |  |
| " 20    | "    | 47369 | H. A. Tubb, 337 Parliament St., Toronto. | 1 "   | 17 | Puddy Bros., Toronto.                           |  |
| " 20    | "    | 47370 | E. Handley, 268 Spadina St., Toronto.    | 1 "   | 16 |   |  |
| " 23    | "    | 47371 | F. H. Arkell, Orangeville.               | 1 "   | 15 | Gunn's Ltd., Toronto.                           |  |
| " 23    | "    | 47372 | T. Durkin & Son, Orangeville.            | 1 "   | 15 | "   |  |
| " 24    | "    | 47373 | J. R. Boyd, Owen Sound.                  | 1 "   | 15 | Vendor.   |  |
| " 24    | "    | 47374 | M. A. Goetz, Owen Sound.                 | 1 "   | 17 | "   |  |
| " 24    | "    | 47375 | J. McQuaker & Co., Owen Sound.           | 1 "   | 15 | Whyte Packing Co., Stratford.                   |  |
| " 26    | "    | 47376 | D. Gibbons & Sons, Meaford.              | 1 "   | 15 | The Ingersoll Packing Co., Ltd., Ingersoll.     |  |
| " 26    | "    | 47377 | Brown Bros., Meaford.                    | 1 "   | 15 | The Collingwood Packing Co., Ltd., Collingwood. |  |
| " 26    | "    | 47378 | T. M. McKeown, Collingwood.              | 1 "   | 15 | Swift Can. Co., Ltd., W. Toronto.               |  |
| " 27    | "    | 47379 | J. Bingham & Son, Barrie.                | 1 "   | 15 | Vendors   |  |
| Nov. 2  | "    | 47380 | W. B. Pringle & Co., Whitby.             | 1 "   | 17 | The Wm. Davies Co., Ltd., Toronto.              |  |
| " 2     | "    | 47381 | Mathison Bros. Whiteby.                  | 1 "   | 18 | The Geo. Matthews Co., Ltd., Peterboro          |  |
| " 2     | "    | 47382 | C. H. Crysdale & Son, Oshawa.            | 1 "   | 15 | Fowler's Can. Co., Ltd., Hamilton.              |  |
| " 2     | "    | 47382 | Brooks & Armour, Oshawa.                 | 1 "   | 16 | Vendors   |  |

## DISTRICT OF WINDSOR—

|          |      |       |                                     |       |      |                                  |  |
|----------|------|-------|-------------------------------------|-------|------|----------------------------------|--|
| Oct. 16. | Lard | 47861 | M. Vansycle, St. Thomas.            | 1 lb. | 10   | St. Thomas Packing Co.           |  |
| " 16.    | "    | 47862 | A. J. Kadwell, St. Thomas.          | 1 "   | 16   | Geo. Matthews Co., Brantford.    |  |
| " 16.    | "    | 47863 | Karstadt & Mahler, St. Thomas.      | 1 "   | 18   | Tilsonburg Packing Co.           |  |
| " 16.    | "    | 47868 | St. Thomas Packing Co., St. Thomas. | 1 "   | nil. | Vendors                          |  |
| " 16.    | "    | 47812 | R. T. Pencombe, St. Thomas.         | 1 "   | 16   | Fowler's Canadian Co., Hamilton. |  |
| " 17.    | "    | 47816 | Orendorf Bros., Ridgetown.          | 1 "   | 15   | Geo. Matthews Co., Brantford.    |  |

## LARD.

| Inspector's Report. (Is not an expression of opinion.) | RESULT OF ANALYSIS. |                        |                               |                   | No. of Sample. | Remarks and Opinion of the Chief Analyst. |
|--|---------------------|------------------------|-------------------------------|-------------------|----------------|---|
|  | Water.              | Iodine Number (Hanus). | Butyro Refractometer at 40°C. | Halphen Reaction. |                |   |

H. J. DAGER, INSPECTOR.

|  | p.c. |       |      |            |       |  |
|--|------|-------|------|------------|-------|--|
| "Maple Leaf" Brand. Pure Lard.             | 0.04 | 59.50 | 50.3 | None       | 47360 | Genuine.   |
|  | 0.03 | 58.32 | 50.0 | "          | 47365 | "  |
|  | 0.03 | 63.75 | 51.0 | "          | 47366 | "  |
|  | 0.03 | 61.01 | 50.4 | "          | 47367 | "  |
|  | 0.04 | 52.56 | 49.0 | "          | 47368 | "  |
|  | 0.04 | 57.91 | 50.1 | "          | 47369 | "  |
|  | 0.03 | 55.17 | 51.2 | "          | 47370 | "  |
| "Maple Leaf" Pure Lard...                  | 0.04 | 61.38 | 50.5 | "          | 47371 | "  |
|  | 0.04 | 62.24 | 50.5 | Pink       | 47372 | "  |
|  | 0.13 | 57.18 | 49.7 | None       | 47373 | "  |
|  | 0.04 | 56.08 | 49.8 | "          | 47374 | "  |
|  | 0.02 | 60.36 | 50.4 | "          | 47375 | "  |
| "Beaver" Brand...                          | 1.17 | 61.73 | 50.8 | "          | 47376 | Water in excess. Duplicate sample gave 1.52 p.c. moisture. |
|  | 0.03 | 56.97 | 49.9 | Pink       | 47377 | Genuine.   |
| "Silver Leaf" Brand. Guaranteed Pure Lard. | 0.04 | 68.28 | 51.5 | None       | 47378 | "  |
| Leaf Lard...                               | 0.03 | 62.20 | 51.0 | "          | 47379 | "  |
|  | 0.03 | 61.97 | 50.5 | "          | 47380 | "  |
| "Rose" Brand                               | 0.04 | 53.91 | 49.2 | "          | 47381 | "  |
|  | 0.04 | 60.49 | 50.5 | Faint pink | 47382 | "  |
|  | 0.06 | 59.95 | 50.6 | None       | 47383 | "  |

JNO. TALBOT, INSPECTOR.

|  |      |       |      |            |       |          |
|--|------|-------|------|------------|-------|----------|
| Labelled Pure Family Lard.                 | 0.06 | 62.50 | 50.9 | None       | 47801 | Genuine. |
|  | 0.03 | 64.26 | 51.3 | "          | 47802 | "        |
| Labelled London T. P. C. Pure Lard         | 0.04 | 60.19 | 50.4 | Faint pink | 47803 | "        |
|  | 0.11 | 59.72 | 50.3 | None       | 47808 | "        |
| Labelled Fowler's Pure Lard, L. & S. Best. | 0.04 | 60.67 | 50.2 | Faint pink | 47812 | "        |
| Labelled Geo. Matthews' Pure Lard.         | 0.02 | 61.72 | 50.7 | None       | 47816 | "        |

## BULLETIN No. 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of the Manufacturer or Furnisher, as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|--|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.  | Furnisher. |

## DISTRICT OF WINDSOR—

|         |           |       |                               |            |    |                                   |  |
|---------|-----------|-------|-------------------------------|------------|----|-----------------------------------|--|
| 1911.   |           |       |                               |            |    |                                   |  |
| Oct. 17 | Lard..... | 47823 | Clark & Sons, Ridge-town.     | 1 lb..     | 15 | Geo. Matthews Co., Brantford.     |  |
| " 18    | " .....   | 47825 | B. C. Watson, Leamington.     | 1 " ..     | 15 | F. W. Fearman, Hamilton.          |  |
| " 18    | " .....   | 47829 | B. & W. McIntyre, Leamington. | 1 " ..     | 16 | Geo. Matthews Co., Brantford.     |  |
| " 18    | " .....   | 47834 | R. T. Moran, Leamington.      | 1 " ..     | 16 | F. W. Fearman Co., Hamilton.      |  |
| " 20    | " .....   | 47850 | Wm. Rodgers, Chatham.         | 1 1/2 lb.  | 20 | Dom. Provision Co., London.       |  |
| " 20    | " .....   | 47851 | E. R. Snook, Chatham.         | 1 1/2 " .. | 20 | F. W. Fearman, Hamilton.          |  |
| " 20    | " .....   | 47852 | Jas. Tefft, Chatham.          | 1 tin.     | 40 | Vendor .....                      |  |
| " 20    | " .....   | 47853 | M. Taylor, Chatham.           | 1 1/2 lb.  | 13 | Fowler's Can. Co., Hamilton.      |  |
| " 23    | " .....   | 47859 | Geo. Jackson, London.         | 1 lb..     | 15 | Vendor .....                      |  |
| " 23    | " .....   | 47860 | T. Hamlyn, London.            | 1 " ..     | 15 | " .....                           |  |
| " 23    | " .....   | 47861 | H. A. Schafer, London.        | 1 " ..     | 15 | Tillson Packing Co., Tillsonburg. |  |
| " 23    | " .....   | 47862 | F. T. Adams, London.          | 1 " ..     | 13 | Vendor .....                      |  |

## DISTRICT OF MANITOBA—

|        |           |       |  |        |    |  |                |
|--------|-----------|-------|--|--------|----|--|----------------|
| Nov. 6 | Lard..... | 47448 | D. Christie, Winnipeg.                   | 1 lb.. | 15 | Wm. Davis & Co., Toronto.              | Unknown .....  |
| " 6    | " .....   | 47449 | Robertson & Co., Winnipeg.               | 1 " .. | 20 | Western Packing Co., Winnipeg.         |                |
| " 6    | " .....   | 47450 | J. Patterson, Winnipeg.                  | 1 " .. | 20 | Gordon Ironsides, Fares Co., Winnipeg. |                |
| " 6    | " .....   | 47451 | The W. H. Stone & Co., Winnipeg.         | 1 " .. | 20 | Swift Canadian Co., Winnipeg.          | Manufacturers. |
| " 6    | " .....   | 47452 | M. Brown, Winnipeg.                      | 1 " .. | 20 | " .....                                |                |
| " 6    | " .....   | 47454 | F. E. Crone, Winnipeg.                   | 1 " .. | 20 | Swift Canadian Co., Winnipeg.          | Unknown .....  |
| " 6    | " .....   | 47455 | F. Fawley, Winnipeg.                     | 1 " .. | 20 | Gordon Ironsides, Fares Co., Winnipeg. |                |
| " 6    | " .....   | 47456 | H. Menlove, Winnipeg.                    | 1 " .. | 20 | " .....                                |                |
| " 7    | " .....   | 47457 | Cutler Bros., Norwood Grove, Man.        | 1 " .. | 15 | Western Packing Co., Winnipeg.         |                |
| " 7    | " .....   | 47458 | John Donnelly & Son, Norwood Grove, Man. | 1 " .. | 20 | Swift Canadian Co., Winnipeg.          |                |
| " 7    | " .....   | 47459 | W. J. Kennedy, Norwood Grove, Man.       | 1 " .. | 20 | F. W. Fearman & Co., Hamilton.         |                |
| " 7    | " .....   | 47460 | W. T. Francis, Norwood Grove, Man.       | 1 " .. | 20 | Gordon Ironsides, Fares Co., Winnipeg. |                |
| " 8    | " .....   | 47461 | T. and B. Grocery, Winnipeg.             | 1 " .. | 20 | Western Packing Co., Winnipeg.         |                |

## LARD.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. |                        |                               |                   | No. of Sample. | Remarks, and opinion of the Chief Analyst. |
|--|----------------------|------------------------|-------------------------------|-------------------|----------------|--|
|  | Water.               | Iodine Number (Hanus). | Butyrorefractometer at 40° C. | Halphen Reaction. |                |  |

JNO. TALBOT, INSPECTOR—*Concluded.*

|                                       | p. c. |       |      |              |       |         |
|---------------------------------------|-------|-------|------|--------------|-------|---------|
| Labelled Family Lard.....             | 0 07  | 65 52 | 51 3 | None .....   | 47823 | Genuine |
| .....                                 | 0 04  | 60 71 | 50 4 | " .....      | 47825 | "       |
| .....                                 | 0 05  | 61 89 | 50 6 | " .....      | 47829 | "       |
| Labelled 'Star' Brand Pure Lard.      | 0 12  | 59 60 | 50 6 | " .....      | 47834 | "       |
| .....                                 | 0 09  | 59 30 | 50 0 | " .....      | 47850 | "       |
| .....                                 | 0 07  | 62 61 | 50 7 | Faint pink.. | 47851 | "       |
| Labelled Pure Lard.....               | 0 03  | 58 77 | 49 8 | None .....   | 47852 | "       |
| Labelled L. & S. Pure Lard.           | 0 07  | 63 25 | 50 9 | " .....      | 47853 | "       |
| .....                                 | 0 08  | 60 90 | 50 3 | " .....      | 47859 | "       |
| .....                                 | 0 09  | 59 72 | 50 1 | " .....      | 47860 | "       |
| Labelled Louden's T. P. C. Pure Lard. | 0 04  | 55 40 | 49 7 | " .....      | 47861 | "       |
| .....                                 | 0 05  | 60 09 | 50 1 | " .....      | 47862 | "       |

A. C. LARIVIERE, INSPECTOR.

|                   |      |       |      |              |       |          |
|-------------------|------|-------|------|--------------|-------|----------|
| .....             | 0 03 | 64 21 | 51 1 | None .....   | 47448 | Genuine. |
| .....             | 0 41 | 56 55 | 51 2 | " .....      | 47449 | "        |
| .....             | 0 04 | 53 50 | 51 0 | " .....      | 47450 | "        |
| .....             | 0 02 | 67 43 | 50 3 | Faint pink.. | 47451 | "        |
| .....             | 0 03 | 62 56 | 50 6 | Light pink.. | 47452 | "        |
| .....             | 0 02 | 67 50 | 51 3 | Faint pink.. | 47454 | "        |
| .....             | 0 10 | 53 84 | 50 8 | None .....   | 47455 | "        |
| .....             | 0 19 | 54 92 | 50 7 | " .....      | 47456 | "        |
| .....             | 0 05 | 57 81 | 50 9 | " .....      | 47457 | "        |
| .....             | 0 03 | 64 23 | 50 8 | Faint pink.. | 47458 | "        |
| "Star Brand"..... | 0 02 | 62 06 | 50 4 | Pink .....   | 47459 | "        |
| .....             | 0 03 | 57 02 | 49 8 | Faint pink.. | 47460 | "        |
| .....             | 0 03 | 60 32 | 50 0 | None .....   | 47461 | "        |

## BULLETIN No. 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of Manufacturer or Furnisher as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|---|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.   | Furnisher. |

| DISTRICT OF MANITOBA— |             |       |  |       |    |   |          |
|-----------------------|-------------|-------|--|-------|----|---|----------|
| 1911.                 |             |       |  |       |    |   |          |
| Nov.                  | 8 Lard..... | 47462 | C. J. Caswell, Win-<br>nipeg.              | 1 lb. | 20 | Gallagher, Holdman,<br>Lafrance, Winnipeg |          |
| "                     | 8 " .....   | 47463 | W. Bourke & Co.,<br>Winnipeg.              | 1 "   | 20 | Armour & Co.....                          |          |
| "                     | 8 " .....   | 47464 | Walter Fee, Winnipeg.                      | 1 "   | 20 | Swift Canadian Co.,<br>Winnipeg.          | Unknown. |
| "                     | 9 " .....   | 47465 | H. A. Webb (Elm-<br>wood), Winnipeg.       | 1 "   | 15 | Unknown.....                              | "        |
| "                     | 9 " .....   | 47466 | Reimer Trading Co.,<br>(Elmwood), Winnipeg | 1 "   | 20 | Swift Canadian Co.,<br>Winnipeg.          |          |
| "                     | 9 " .....   | 47467 | R. Beath & Son (Elm-<br>wood), Winnipeg.   | 1 "   | 18 |   |          |
| "                     | 9 " .....   | 47473 | Wm. Conates, Winnipeg                      | 1 "   | 18 | Gordon, Ironside &<br>Fares, Winnipeg.    |          |

| DISTRICT OF CALGARY— |             |       |  |       |    |  |  |
|----------------------|-------------|-------|--|-------|----|--|--|
| Nov.                 | 9 Lard. ... | 44021 | J. T. Bell & Sons, Me-<br>dicine Hat.  | 1 lb. | 20 | Vendors.....                                       |  |
| "                    | 9 " .....   | 44022 | H. W. Ireland & Co.,<br>Medicine Hat.  | 3 "   | 60 | Gallagher, Holman,<br>Lafrance Co., Win-<br>nipeg. |  |
| "                    | 9 " .....   | 44023 | Spencer & Todd, Medi-<br>cine Hat.     | 1 "   | 25 | Swift Canadian Co.,<br>Edmonton.                   |  |
| "                    | 9 " .....   | 44024 | L. B. Cochran, Medi-<br>cine Hat.      | 1 "   | 25 | " "  |  |
| "                    | 9 " .....   | 44025 | R. Mitchell, Medicine<br>Hat.          | 1 "   | 20 | Vendor.....  |  |
| "                    | 9 " .....   | 44026 | LePage Bros., Medi-<br>cine Hat.       | 1 "   | 25 | Swift Canadian Co.,<br>Edmonton.                   |  |
| "                    | 9 " .....   | 44027 | Hewitt & Armstrong,<br>Medicine Hat.   | 1 "   | 25 | Gallagher, Holman,<br>Lafrance Co., Win-<br>nipeg. |  |
| "                    | 9 " .....   | 44028 | H. Morrow, Medicine<br>Hat.            | 1 "   | 25 | Swift Canadian Co.,<br>Edmonton.                   |  |
| "                    | 9 " .....   | 44029 | A. W. Curran, Medi-<br>cine Hat.       | 1 "   | 25 | " "  |  |
| "                    | 9 " .....   | 44030 | J. T. Bell & Sons, Me-<br>dicine Hat.  | 1 "   | 25 | Vendors.....                                       |  |
| "                    | 20 " .....  | 44031 | R. J. Frizzle, Calgary.                | 1 "   | 20 | Swift Canadian Co.,<br>Winnipeg.                   |  |
| "                    | 20 " .....  | 44032 | C. Bradley, Calgary....                | 1 "   | 20 | P. Burns & Co., Cal-<br>gary.                      |  |
| "                    | 20 " .....  | 44033 | Sugden & Morse, Cal-<br>gary.          | 1 "   | 20 | Swift Canadian Co.,<br>Edmonton.                   |  |
| "                    | 20 " .....  | 44034 | C. Wrightson & Son,<br>Calgary.        | 1 "   | 20 | Dom. Meat Co., Cal-<br>gary.                       |  |
| "                    | 20 " .....  | 44035 | Jenkins & Co., Cal-<br>gary.           | 1 "   | 20 | Swift Canadian Co.,<br>Edmonton                    |  |
| "                    | 20 " .....  | 44036 | Summers & Comfoot,<br>Calgary.         | 1 "   | 20 | " "  |  |
| "                    | 22 " .....  | 44037 | P. Burns & Co., Ltd.,<br>East Calgary. | 1 "   | 20 | Vendors.....                                       |  |
| "                    | 22 " .....  | 44038 | Hughes Meat Co., Cal-<br>gary.         | 1 "   | 20 | Swift Canadian Co.,<br>Edmonton.                   |  |
| "                    | 22 " .....  | 44039 | Swift Canadian Co.,<br>Ltd., Calgary.  | 1 "   | 20 | " "  |  |
| "                    | 22 " .....  | 44040 | The Dom. Meat Co.,<br>Ltd., Calgary.   | 1 "   | 20 | Vendors.....                                       |  |

## LARD.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. |                        |                               |                   | No. of Sample. | Remarks and Opinion of the Chief Analyst. |
|--|----------------------|------------------------|-------------------------------|-------------------|----------------|---|
|  | Water.               | Iodine number (Hanus). | Butyro Refractometer at 40°C. | Halphen Reaction. |                |   |
| A. C. LARIVIERE, INSPECTOR- <i>Continued.</i>          |                      |                        |                               |                   |                |   |
|  | p. c.                |                        |                               |                   |                |   |
|  | 0 03                 | 56 96                  | 49 9                          | Faint pink..      | 47462          | Genuine                                   |
| Armours Shield. Pure Lard.                             | 0 04                 | 67 50                  | 51 2                          | " ..              | 47463          | "   |
|  | 0 02                 | 67 69                  | 51 4                          | " ..              | 47464          | "   |
|  | 0 04                 | 57 34                  | 50 1                          | " ..              | 47465          | "   |
|  | 0 03                 | 64 98                  | 50 7                          | " ..              | 47466          | "   |
|  | 0 03                 | 64 13                  | 50 9                          | Light pink..      | 47467          | "   |
|  | 0 04                 | 56 47                  | 49 7                          | None .....        | 47473          | "   |
| R. W. FLETCHER, INSPECTOR.                             |                      |                        |                               |                   |                |   |
|  | 0 04                 | 61 89                  | 50 3                          | None .....        | 44021          | Genuine.                                  |
|  | 0 04                 | 62 75                  | 51 1                          | Faint pink..      | 44022          | "   |
|  | 0 04                 | 64 24                  | 51 0                          | Light pink..      | 44023          | "   |
|  | 0 03                 | 65 91                  | 51 1                          | " ..              | 44024          | "   |
|  | 0 04                 | 62 10                  | 50 5                          | None .....        | 44025          | "   |
|  | 0 02                 | 63 25                  | 51 0                          | Faint pink..      | 44026          | "   |
|  | 0 02                 | 62 87                  | 51 0                          | " ..              | 44027          | "   |
|  | 0 04                 | 65 49                  | 51 1                          | Pink .....        | 44028          | "   |
|  | 0 04                 | 66 38                  | 51 0                          | Light pink..      | 44029          | "   |
|  | 0 03                 | 62 23                  | 50 4                          | None .....        | 44030          | "   |
|  | 0 02                 | 66 24                  | 51 2                          | Faint pink..      | 44031          | "   |
|  | 6 32                 | 63 50                  | 50 5                          | Pink .....        | 44032          | "   |
|  | 0 03                 | 67 71                  | 51 3                          | Faint pink..      | 44033          | "   |
|  | 0 02                 | 62 99                  | 50 5                          | None .....        | 44034          | "   |
|  | 0 02                 | 64 21                  | 50 7                          | Light pink..      | 44035          | "   |
|  | 0 02                 | 64 22                  | 51 0                          | Faint pink..      | 44036          | "   |
|  | 0 01                 | 63 61                  | 51 0                          | Red .....         | 44037          | "   |
|  | 0 03                 | 65 85                  | 51 4                          | None .....        | 44038          | "   |
|  | 0 02                 | 63 50                  | 51 0                          | Faint pink..      | 44039          | "   |
|  | 0 03                 | 63 50                  | 50 9                          | " ..              | 44040          | "   |



## BULLETIN No. 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of Manufacturer or Furnisher as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|---|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.   | Furnisher. |

## DISTRICT OF NELSON—

|         |      |       |                                     |         |    |                               |  |
|---------|------|-------|-------------------------------------|---------|----|-------------------------------|--|
| 1911.   |      |       |                                     |         |    |                               |  |
| Oct. 19 | Lard | 48436 | Trites, Wood Co., Fernie, B.C.      | 3 lbs.  | 55 | Armour & Co., Chicago.        |  |
| " 19    | "    | 48437 | "                                   | 3 "     | 55 | Swift Can. Co., Edmonton.     |  |
| " 19    | "    | 48438 | "                                   | 3 "     | 55 | P. Burns & Co., Calgary.      |  |
| " 27    | "    | 48449 | W. R. Braden & Son, Rossland, B.C.  | 1 pail. | 60 | Swift Can. Co., Edmonton.     |  |
| " 27    | "    | 48454 | Union Coop. Assocn., Rossland, B.C. | 1 "     | 65 | "                             |  |
| " 27    | "    | 48461 | Hunter Bros., Rossland, B.C.        | 1 "     | 90 | E. H. Stanton & Co., Spokane. |  |
| " 27    | "    | 48462 | "                                   | 1 "     | 60 | Swift Can. Co., Edmonton.     |  |
| " 27    | "    | 48467 | N. Laface, Rossland, B.C.           | 1 "     | 60 | Armour & Co., Chicago.        |  |
| " 27    | "    | 48468 | P. Burns & Co., Rossland, B.C.      | 1 "     | 60 | P. Burns & Co., Calgary.      |  |
| " 27    | "    | 48469 | "                                   | 1 lb.   | 20 | Vendors.                      |  |
| " 28    | "    | 48470 | Union Grocery, Nelson.              | 1 pail. | 55 | Armour & Co., Chicago.        |  |
| " 28    | "    | 48471 | "                                   | 1 "     | 55 | G. Matthews Co., Peterboro.   |  |
| " 28    | "    | 48472 | W. W. Harris, Nelson.               | 1 "     | 60 | P. Burns & Co., Calgary.      |  |
| " 28    | "    | 48473 | "                                   | 1 "     | 60 | Swift Can. Co., Edmonton.     |  |
| " 28    | "    | 48474 | "                                   | 1 "     | 90 | Armour & Co., Chicago.        |  |
| " 28    | "    | 48475 | P. Burns & Co., Nelson.             | 1 "     | 95 | Park, Blackwell Co., Toronto. |  |
| " 28    | "    | 48476 | "                                   | 1 "     | 95 | Armour & Co., Chicago.        |  |
| " 28    | "    | 48477 | "                                   | 1 "     | 95 | P. Burns & Co., Calgary.      |  |
| " 28    | "    | 48478 | A. S. Horswill, Nelson.             | 1 "     | 55 | Swift Can. Co., Edmonton.     |  |
| " 28    | "    | 48479 | "                                   | 1 "     | 55 | Armour & Co., Chicago.        |  |

## DISTRICT OF VANCOUVER—

|         |      |       |  |       |    |                            |  |
|---------|------|-------|--|-------|----|----------------------------|--|
| Oct. 23 | Lard | 38235 | Vancouver-Prince Rupert Meat Co., Vancouver. | 1 lb. | 15 | Vendors.                   |  |
| " 23    | "    | 38236 | Andrew Reid, Robson st., Vancouver.          | 1 "   | 20 | Wm. Davies, Toronto.       |  |
| " 23    | "    | 38237 | W. E. Morrison, Public Market, Vancouver.    | 1 "   | 20 | Swift & Co., Winnipeg.     |  |
| " 23    | "    | 38238 | Gray & Co., Granville Market, Vancouver.     | 1 "   | 20 | P. Burns & Co., Vancouver. |  |
| " 23    | "    | 38239 | F. R. Stewart, Water st., Vancouver.         | 1 "   | 15 | Frye & Co., Seattle, Wash. |  |

## LARD.

| Inspector's Report<br>(Is not an expression<br>of opinion.) | RESULTS OF ANALYSIS. |                           |                                      |                        | No. of Sample. | Remarks and Opinion of the<br>Chief Analyst.            |
|---|----------------------|---------------------------|--------------------------------------|------------------------|----------------|---|
|   | Water.               | Iodine Num-<br>ber(Haus.) | Buero Re-<br>fractometer<br>at 49°C. | Halphen Re-<br>action. |                |   |
| .....   | 0.04                 | 68.46                     | 51.6                                 | None.....              | 4843           | Genuine.  |
| .....   | 0.04                 | 65.71                     | 51.5                                 | " .....                | 48437          | "   |
| .....   | 0.05                 | 63.75                     | 50.8                                 | " .....                | 48438          | "   |
| .....   | 1.00                 | 65.98                     | 51.3                                 | Faint Pink..           | 48449          | "   |
| .....   | 0.06                 | 65.68                     | 51.4                                 | None.....              | 48454          | "   |
| .....   | 0.07                 | 64.11                     | 50.9                                 | " .....                | 48461          | "   |
| .....   | 0.02                 | 68.17                     | 51.6                                 | " .....                | 48462          | "   |
| .....   | 0.10                 | 65.11                     | 52.2                                 | " .....                | 48467          | "   |
| .....   | 0.04                 | 61.88                     | 50.7                                 | Faint Pink..           | 48468          | "   |
| .....   | 0.05                 | 58.55                     | 50.1                                 | None.....              | 48469          | "   |
| .....   | 0.05                 | 66.25                     | 51.1                                 | Faint Pink..           | 48470          | "   |
| .....   | 0.04                 | 62.99                     | 50.6                                 | " .....                | 48471          | "   |
| .....   | 1.14                 | 62.88                     | 50.9                                 | " .....                | 48472          | Excess water. Duplicate sample<br>gave 1.14 p.c. water. |
| .....   | 0.04                 | 67.23                     | 51.1                                 | " .....                | 48473          | Genuine.  |
| .....   | 0.04                 | 69.60                     | 51.6                                 | " .....                | 48474          | "   |
| .....   | 0.13                 | 60.10                     | 51.8                                 | " .....                | 48475          | "   |
| .....   | 0.04                 | 65.33                     | 50.9                                 | None.....              | 48476          | "   |
| .....   | 0.03                 | 63.27                     | 51.0                                 | Pink.....              | 48477          | "   |
| .....   | 0.04                 | 65.07                     | 51.0                                 | " .....                | 48478          | "   |
| .....   | 0.03                 | 60.16                     | 50.1                                 | None.....              | 48479          | "   |

## J. F. POWER, INSPECTOR.

|                           |      |       |      |              |       |          |
|---------------------------|------|-------|------|--------------|-------|----------|
| .....                     | 0.03 | 60.80 | 50.5 | None.....    | 38236 | Genuine. |
| .....                     | 0.03 | 58.52 | 50.0 | " .....      | 38236 | "        |
| Guaranteed pure lard..... | 0.02 | 64.12 | 51.0 | " .....      | 38237 | "        |
| .....                     | 0.03 | 62.75 | 50.5 | Pink.....    | 38238 | "        |
| .....                     | 0.03 | 65.58 | 51.1 | Faint pink.. | 38239 | "        |

## BULLETIN No 237—

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost.     |        | Name and Address of Manufacturer or Furnisher as given by the Vendor. |            |
|---------------------|-------------------|----------------|-----------------------------|-----------|--------|---|------------|
|                     |                   |                |                             | Quantity. | Cents. | Manufacturer.   | Furnisher. |

## DISTRICT OF VANCOUVER—

|         |           |       |  |         |    |                                     |  |
|---------|-----------|-------|--|---------|----|-------------------------------------|--|
| 1911.   |           |       |  |         |    |                                     |  |
| Oct. 25 | Lard..... | 38240 | Blain's Grocery, Nicola st., Vancouver.    | 1 lb .. | 20 | Morrell & Co., Ottumwa, Ia., U.S.A. |  |
| " 25    | " .....   | 38241 | W. H. Walsh & Co., Seymour st., Vancouver. | 1 " ..  | 20 | P. Burns & Co., Vancouver.          |  |
| " 25    | " .....   | 38242 | Wm. Crossan, Davie st., Vancouver.         | 1 " ..  | 20 |                                     |  |
| " 25    | " .....   | 38243 | J. Atkins, Hamilton st., Vancouver.        | 1 " ..  | 20 |                                     |  |

## DISTRICT OF VICTORIA—

|         |            |       |   |            |    |  |  |
|---------|------------|-------|---|------------|----|--|--|
| Oct. 25 | Lard. .... | 47641 | Windsor Grocery Co., Victoria.            | 1 lb ..    | 20 | Frye, Bruhn & Co., Seattle, Wash.        |  |
| " 26    | " .....    | 47642 | The West End Grocery Co., Ltd., Victoria. | 1 " ..     | 20 | Jno. Morrell & Co., Ottumwa, Ia., U.S.A. |  |
| " 26    | " .....    | 47643 | " .....                                   | 1 " ..     | 20 | Swift Can. Co., Ltd., Winnipeg.          |  |
| Nov. 9  | " .....    | 47644 | Copas & Young, Victoria.                  | 1 " ..     | 20 | Jno. Morrell & Co., Ottumwa, Ia., U.S.A. |  |
| " 9     | " .....    | 47645 | Wm. B. Hall, Victoria.                    | 1 " ..     | 20 | Swift Can. Co., Ltd., Winnipeg           |  |
| " 13    | " .....    | 47646 | Erskine & Co., Victoria                   | 1 " ..     | 20 | " .....                                  |  |
| " 15    | " .....    | 47647 | D. H. Ross, Victoria.                     | 1 1/2 " .. | 30 | Frye Bruhn Co., Seattle, Wash.           |  |
| " 15    | " .....    | 47648 | Harrison & McDonald, Victoria.            | 1 " ..     | 20 | Jno. Morrell & Co., Ottumwa, Ia., U.S.A. |  |
| " 16    | " .....    | 47649 | E. G. Bailey, Victoria.                   | 1 " ..     | 25 | Frye Bruhn Co., Seattle, Wash.           |  |
| " 16    | " .....    | 47650 | Acton Bros., Victoria.                    | 3 " ..     | 55 | Swift Can. Co., Ltd., Winnipeg.          |  |

## LARD.

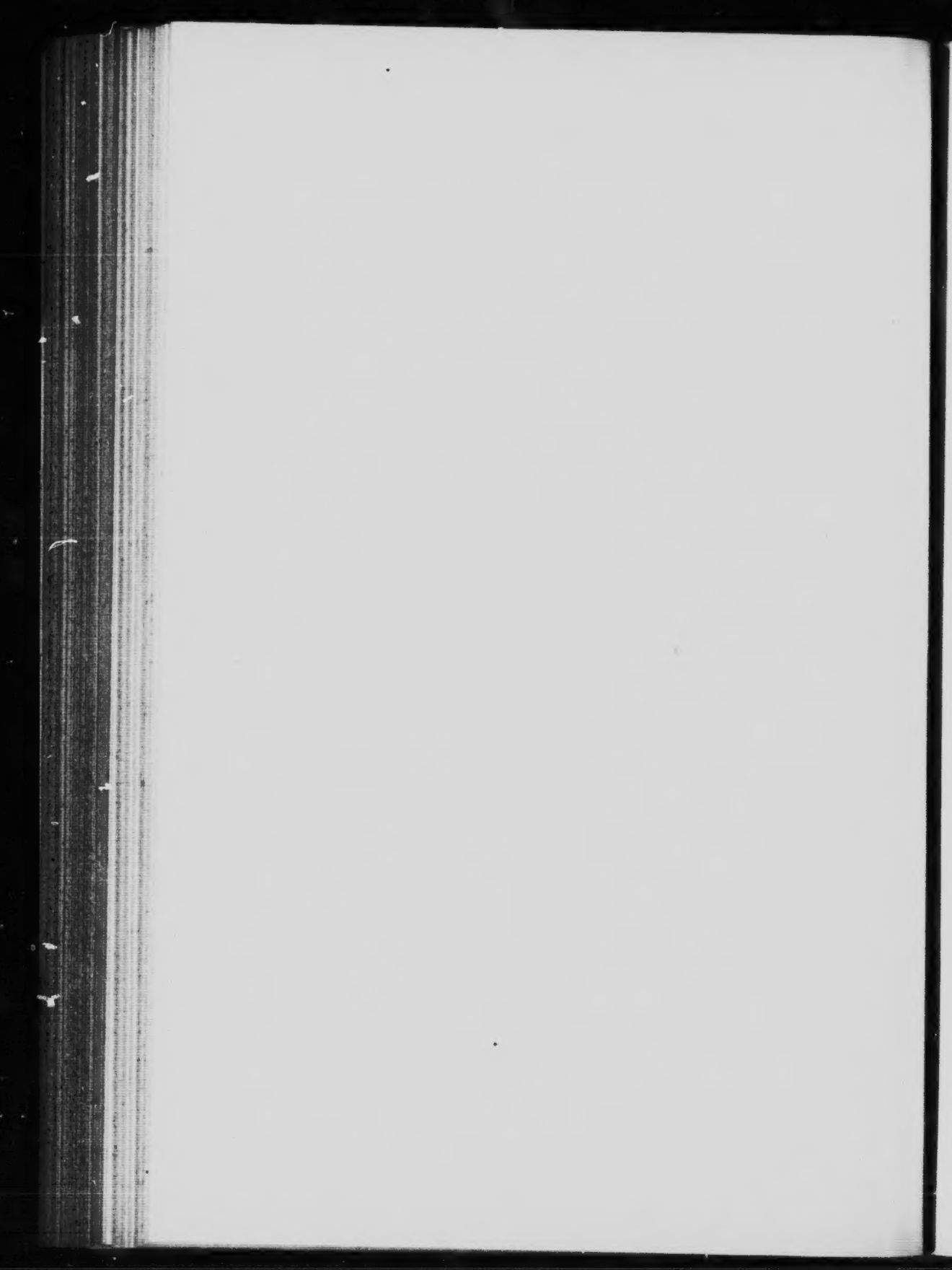
| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. |                        |                                |                   | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|------------------------|--------------------------------|-------------------|----------------|---|
|  | Water.               | Iodine Number (Hanus). | Butyro Refractometer at 40° C. | Halphen Reaction. |                |   |

J. F. POWER, INSPECTOR—*Concluded.*

|  | p. c. |       |      |              |       |  |
|--|-------|-------|------|--------------|-------|--|
| .....  | 0.03  | 67.06 | 51.3 | None         | ..... | 38240 Genuine.                               |
| .....  | 0.03  | 62.48 | 50.5 | Faint pink.. | 38241 | "  |
| .....  | 0.03  | 71.33 | 52.1 | Red          | ..... | 38242 Contains cotton seed oil. Adulterated. |
| Packed by vendor from P. Burus bulk article. | 0.02  | 61.67 | 50.5 | Faint pink.. | 38243 | Genuine.                                     |

## D. O'SULLIVAN, INSPECTOR.

|  |      |       |      |              |       |          |
|--|------|-------|------|--------------|-------|----------|
| 'Wild Rose' Brand; pure lard.          | 0.15 | 67.16 | 51.9 | Faint pink.. | 47641 | Genuine. |
| Morrell's warranted pure lard          | 0.05 | 65.65 | 51.6 | None. ....   | 47642 | "        |
| Swift's 'Silver Leaf' Brand pure lard. | 0.06 | 65.75 | 51.5 | "            | ..... | 47643 "  |
| .....                                  | 0.03 | 65.56 | 51.3 | "            | ..... | 47644 "  |
| .....                                  | 0.05 | 63.62 | 51.0 | Faint pink.. | 47645 | "        |
| Swift's pure lard .....                | 0.04 | 64.46 | 51.2 | "            | ..    | 47646 "  |
| Wild Rose brand pure lard ..           | 0.04 | 65.12 | 51.0 | "            | ..    | 47647 "  |
| Morrell's warranted pure lard          | 0.02 | 66.11 | 51.5 | "            | ..    | 47648 "  |
| 'Wild Rose' brand pure lard            | 0.03 | 68.16 | 51.4 | Light pink.. | 47649 | "        |
| .....                                  | 0.04 | 63.37 | 51.2 | None....     | 47650 | "        |



## SUPPLEMENT TO BULLETIN No. 227 FERTILIZERS 1911.

### CORRECTIONS.

Bulletin No. 227, page 11, sample No. 36942. This sample is found to contain 20.1 per cent. of phosphoric acid. It is identical with sample No. 46637 on page 5 of the same Bulletin, and the percentage of phosphoric acid there given as 12.25 should read 20.1—Sample 46637 is therefore up to its guarantee in phosphoric acid. The mistake was due to confusion of a license number with a registration number, by the Analyst.